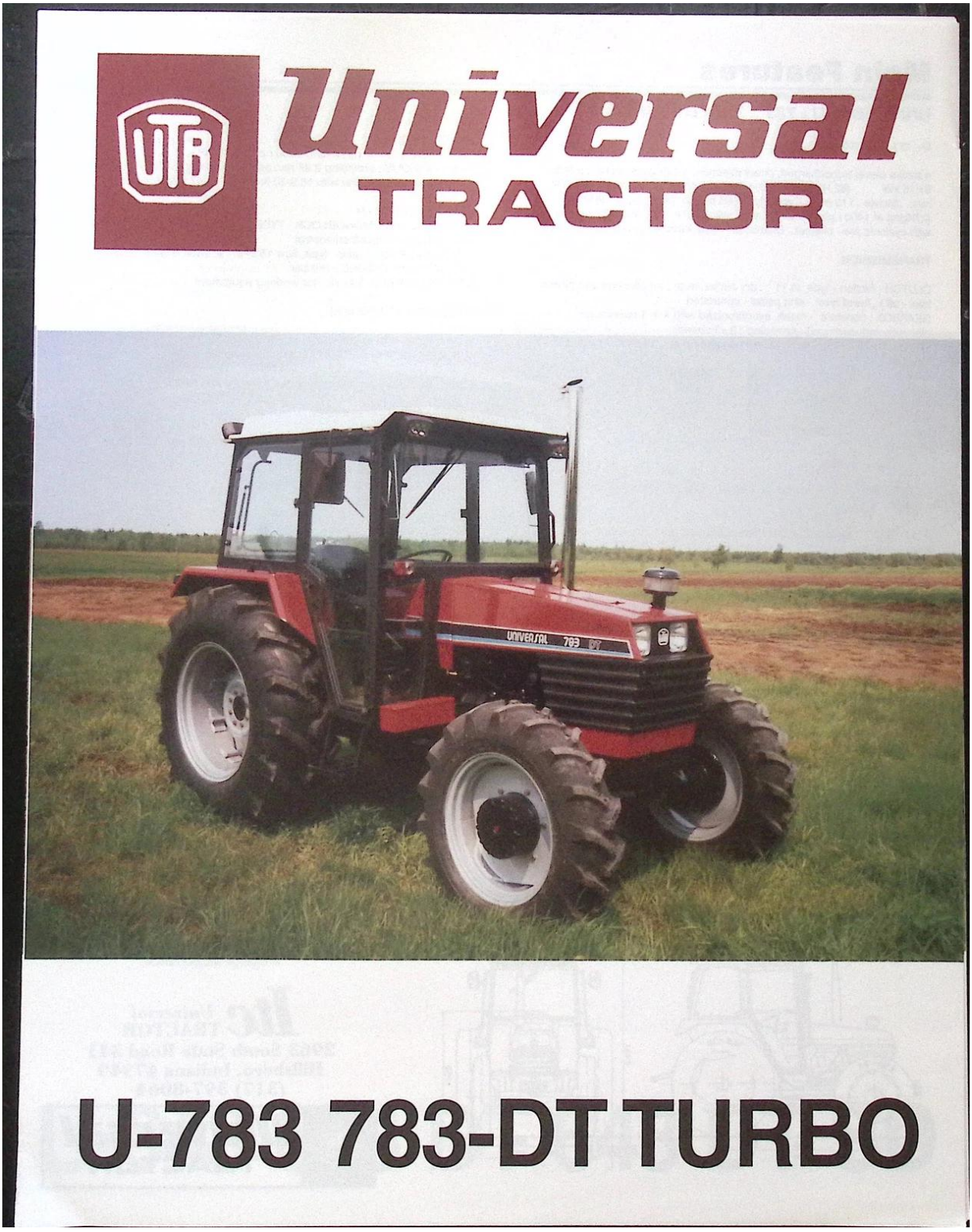


FIG. I (pagina frontală)

Main Features

UNIVERSAL U - 783 783 - DT TURBO

D - 121.050 ENGINE

4 stroke diesel turbocharged, direct injection, 4 cylinders, water cooled, 61.15 kW (82 HP), (ISO 2534/DIN 70020) at 2400 rpm. Bore : 102 mm. Stroke : 110 mm. Capacity : 3595 cu.cm. Max torque :264Nm (27Kgm) at 1400 r.p.m. Compression ration 17:1 . Oil - bath air cleaner with cyclonic pre - cleaner. Distributor - type injection pump, CAV licence.

TRANSMISSION

CLUTCH : friction - type, Ø 11 " , dry plates, dual (for gearbox and power take - off) , hand lever - and pedal - controlled.
GEARBOX : constant - mesh, synchronized with 4 + 1 speeds and planetary reduction unit , providing 12+3 speeds.
TRAVEL SPEEDS : in km/h , at 2400 engine r.p.m. , 16.9-30 tires and 14/47 bevel couple.

Gear	High	Low	Creeping
1st	10.68	2.96	0.96
2nd	16.07	4.46	1.45
3rd	25.53	6.54	2.12
4th	30.39	8.44	2.73
Reverse	15.35	4.26	1.38

DIFFERENTIAL LOCK : pedal - actuated and automatic return to "off" position.

STEERING : hydrostatic with independent hydraulic circulation and transversal ram.

BRAKES
SERVICE BRAKES ; with oil-immersed discs, separately or simultaneously pedal - actuated.
PARKING BRAKES : independent, disc type, hand lever controlled

WHEELS AND AXLES (for 2 wheel drive)
FRONT AXLE : Swinging, telescopic - type, U - section welded construction.
FRONT WHEELS : 7.5/W5.5F20.
REAR WHEELS : 16.9/W15-30.
FRONT TRACK : adjustable 55 " - 78.5 "
REAR TRACK - adjustable 55.5 " - 75.1 "
MINIMUM TURNING RADIUS : 12.5 '

ELECTRIC EQUIPMENT

VOLTAGE : 12 V. 3.5 kW starter. 500 W alternator. 150 Ah battery.
Complete electric equipment for lighting and signalling
INSTRUMENT PANEL ; electronic speedcounter, electric hourmeter, warning lights for : full beam operation, flasher operation, fuel level, applied handbrake : water thermometer and fuel level gauge.

POWER TAKE - OFF
INDEPENDENT ; 540 r.p.m. and 1000 r.p.m. (78 HP)
SYNCHRONOUS : providing 2.87 rev. per metre of tractor travel or 4.74 re. per metre of tractor travel with 16.9-30 tires and 14/47 bevel couple.

HYDRAULIC SYSTEM
HYDRAULIC UNIT, MONOBLOCK - TYPE : 2 additional rams, providing automatic draft or position control.
HYDRAULIC PUMP : gear - type, flow 15GPM at 2400 engine r.p.m.
OPERATING PRESSURE ; 150 bar.
REMOTE CONTROL VALVE ; for working equipment .

THREE - POINT LINKAGE

2nd category, with adjustable R. H. Lifting rod.
MAXIMUM LIFTING CAPACITY ; 2100 daN/ 4630 lbs.

SEAT : adjustable according to driver's weight and reach.

FUEL TANK : 16.4 GAL..

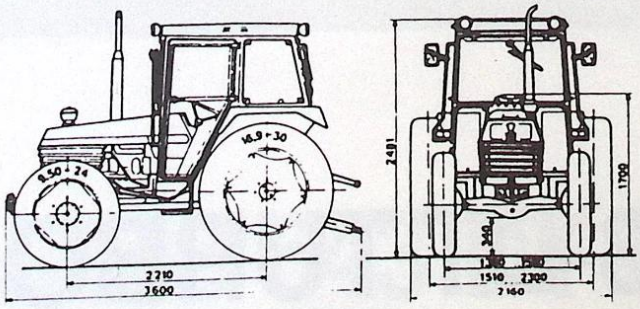
TRACTOR WEIGHT : frame incl., in operating condition : 6216 LBS.

OPTIONAL EQUIPMENT
TOWING AND HITCHING ATTACHMENTS:
- Front towing attachment
- Swinging drawbar
- Single - axle trailer coupling
- De luxe Cab -
- Front end loader

GEARBOX : with reversing transmission. Covering 8 + 8 speeds.

WHEELS AND AXLES (for 4 wheel drive)
FRONT AXLE : drive, swinging - type , with central drive unit, differential, reduction gears in wheel hubs.
FRONT WHEELS : 11.2/W10-24, optional 9.5/W8-24
REAR WHEELS : 18.4/W15-30, optional 16.9/W15-30.
FRONT TRACK : adjustable 54 " - 62.2 "
REAR TRACK ; adjustable 59 " - 90.5 "
MINIMUM TURNING RADIUS : 16.7 '

Note: Conversion from metric to inches: mm x .03937 = inches



Data and illustrations are informative. Subject to change without notice.

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FIG II (pagina spate)